



STDN DAILY REPORT
FOR GMT DAYS
25, 26, 27 AND 28 OCTOBER 2001

Part I. Operations

25 OCT.

A. SN Anomalies:

1. NCC Operator Error 25/1435-1500Z

Several Users experienced no ODM/GCMR capability due to OET personnel inadvertently cold start the wrong VAX. A total 1 hour 11 minutes 4 seconds service loss. TTR # 24087

2. STGT/ERBS Support 25/2013-2017Z

ERBS failed to lock on MAR1 and spin-up chain MAR3. A forward reacquisition was requested the event failed to acquire lock on MAR1 and spin-up on MAR2 . Another FWD reacquisition was requested MAR1 Failed to lock and failed over to MAR2 acquired lock 20:17:59. TTR # 24088 DR # 43643.

TDE MAR 2013-2039Z 4 Mins. 17 Secs. Svc/Data Loss Recov

B. ISS Anomalies - None.

C. GN Anomalies

1. SGS/LS7 Support 25/095522-100944z

SGS declared the antenna red just prior to support due to a bad elevation antenna resolver. CDS ID#19869

TOTS-1 14 Mins. 22 Sec. Service Loss Data Loss Unknown

2. AGS/QST Support

25/160404-161823Z

The Master attempted to initialize for the event, but the ATS halted which resulted in a domino effect. The SCC locked up and had to be stopped and restarted to gain control of the antenna and RF subsystems. The master ATS had to be shut down and restarted as well. CDS ID#19856

11M 4 Mins. 54 Secs. Service/Data Loss Non-Recoverable

26 OCT.

A SN Anomalies:

1. WSGT/ERBS Support

26/0551-0554Z

Late Acquisition reason unknown . TTR 24089

TDW MAR 0551-0615Z 2 Mins. 47 Secs. Svc/Data Loss Recov

2. STGT/MULTIPLE ERBS Supports

26/2015-2218Z

Late Acquisition reason unknown. TTR 24090

TDE MAR 2015-2042Z 6 Mins. 21 Secs. Svc/Data Loss Recov

TDE MAR 2157-2218Z 1 Min 04 Secs. Svc/Data Loss Recov

B. ISS Anomalies - None.

C. GN Anomalies:

1. PF-1/EO1 Support

26/0712-0716Z

The S-Band downlink appeared to drop out reason unknown. The DOC operator was working on bringing up another carrier and did notice this right away. EO-1 Moc did not observe good receiver lock the first time it was brought up. The operator followed the procedures to reacquire receiver lock.

CDS ID # 19865

15 Secs. Data Loss Recoverable

27 OCT.

A. SN Anomalies:

1. STGT/XTE Support

27/0658-0659Z

A return service dropout was observed on both the prime and standby chains reason unknown. Return spectrum indicated possible RFI however none was predicted. POCC was unmanned at the time. TTR 24091

TDS SSA1 0655-0706Z 1 Mins. 14 Secs. Svc/Data Loss Recov Unknown.

B. ISS Anomalies:

1. STGT/ISS Support

27/1154-1226Z

A late acquisition was observed on both the prime and standby chains reason unknown. Return spectrum indicated possible RFI however non was predicted . POCC was unmanned at the time. TTR 24091.

171 SSA1 1154-1249Z 26 Mins. 25 Secs. Svc/Data Loss Recov Unknown.

C. GN Anomalies :

1. SGS/LS7 Support

27/094307-095725Z

Between 09:50:30Z and 09:52:29Z short bursts of 1sec. errors were seen on the data scopes for medium X-band I and Q channel. There were no anomalies detected for the recorded X-band low and there were a normal number of data scope

errors. Changed the configuration for the next LS7 support so that data channel 1 was used instead of data channel 2. Troubleshooting is ongoing.

094901-095229Z 2 Mins. Non-Recoverable

2. WGS/TRACE Support

27/1004-1015Z

TOTS master failed to configure for real-time support. Master would not come out of PRT mode. Operator went to manual operations to acquire spacecraft, then rebooted the master. During rebooting of master, operator was unable to get the carrier to come up and real-time data off station. By the time carrier came up, was not able to get commands to spacecraft. After pass was completed, a postpass playback was accomplished. Problem under investigation.

TOTS 1004-1015Z 11 Mins. Data Loss Recoverable

28 OCT.

A. SN Anomalies - None

B. ISS Anomalies - None.

C. GN Anomalies:

1. AGS/WIRE

28/1320-1330Z

At one minute before the pass, the antenna set up to track but the TDF and the Metrums did not start. The operator scrambled to take pass manually but the master computer had crashed and stopped. The entire pass was missed. The problem is being investigated. Note: The antenna tracked during the pass but no data was uplinked or received.

TOTS 1320-1330Z 10 Mins. Data Loss. Non-recoverable

Part II. NCCDS Anomalies (OE Report): - None.

Part III. Scheduled Activities: - None.

Part IV Forecast Changes:

1. W1576LS (PEGASUS/HESSI) NET 12/17 350/T-0 = 1500Z
2. B1308LS (ATLAS II/TDRS-I) NET JAN 02 T-0 = UNKNOWN